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Jameco Part Number 207423

SURFBOARDS®

CAPITAL ADVANCED TECHNOLOGIES INC.™

THE BREADBOARDING MEDIUM FOR ***SURFACE MOUNT*** *SM*

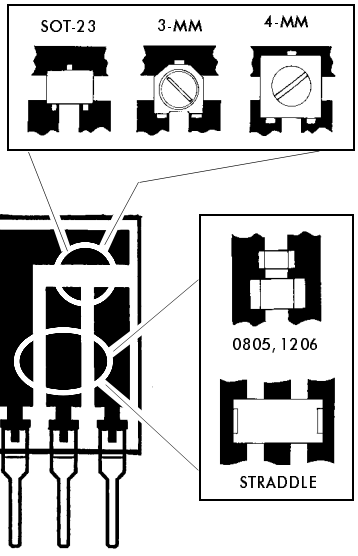
LDS6100A 3-9-99

6000 SERIES FOR DISCRETE COMPONENTS

MODELS 6103, 6106, 6109, 6112, 6115

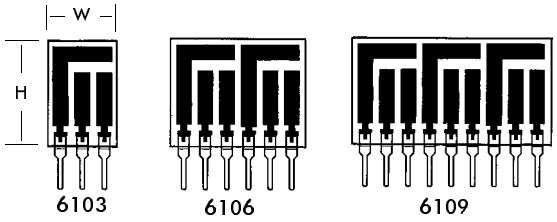
BASIC DESIGN SUPPORTS A VARIETY OF APPLICATIONS

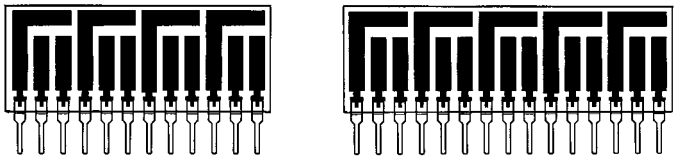
Build surface mount networks and functional circuit elements. Basic pattern provides universal mounting zone for a range of 3 terminal devices including SOT-23 and 3-4mm Trimmers. Additional 2 terminal devices including 0805, 1206, A-Tantalum, Mini-Melf, and others may be mounted. Circuit configuration supports most transistor applications. Minor foil modifications create additional footprint for bias resistors. Use a model 6103 to build simple filters or transistor / passive combinations. Use larger models for more complex circuits or multiple arrays.



STANDARD MODELS

SEE TABLE





CUSTOM VARIATIONS AVAILABLE ON A SPECIAL ORDER BASIS

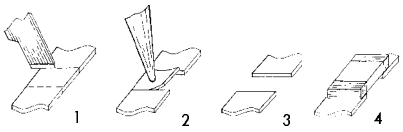
STANDARD MODEL SPECIFICATION TABLE

MODEL	W (in.)	H (in.)	NO. PINS
6103	.300	.500	3
6106	.600	.500	6
6109	.900	.500	9
6112	1.200	.500	12
6115	1.5	.500	15

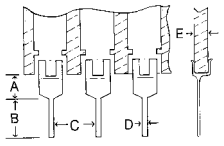
FOIL MODIFICATIONS EXPAND VERSATILITY

Typical of many Surfboards are large pad areas which which may be modified to create additional part mounting zones or expand layout options.

1: Score foil with sharp razor to define new zone.
2: Apply heat with iron to delaminate foil section.
3: New mounting zone has been created.
4: Solder component to new mounting zone.



PIN SPECIFICATIONS / TOLERANCES



In Inches

A = .062 +- .006
B = .130 +- .010
C = .100 +- .005
D = .020 +- .004
E = .031 +-.005

BOARD SPECIFICATIONS

BOARD MATERIAL: .031+-.005 In.Thick FR-4 Glass Epoxy or equivalent.
CIRCUITS: 1 Oz. Copper with solder coated pads.
TOLERANCES: Given in inches
Board Size +- .020 / OAL+-.040
Circuit pattern/position +-.005